

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 053694/0112		SERIAL NO. 09/914,947	
INFORMATION DISCLOSURE CITATION APR 08 2002 <small>(Use several sheets if necessary)</small>		APPLICANT		David John Edwards, et al.			
		FILING DATE		GROUP ART UNIT			
		September 6, 2001		Unknown			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>SM</i>	B1	M. ABOUZAHRA et al. "Multiple-Port Power Dividers/Combiners Circuits Using Circular Microstrip Disc Configuration", XP002181722, <i>IEEE-MTT-S International Microwave Symposium-Digest</i> , pp 211-214, 6/1997					
	B2	"Patent Abstracts of Japan" Vol. 010, No. 319 (E450), October 30, 1986, JP 61 128604, Hitachi Ltd., June 1986.					
	B3	GUPTA et al. "Analysis and Design of Four-Port and Five-Port Microstrip Disc Circuits", XP-002181724, <i>IEEE Transactions on Microwave Theory and Techniques</i> , Vol. 33 No. 12, pp. 1422-1427, 1525, December 1985					
	B4	E BELOHOUBEK et al., "30-Way Radial Power Combiner for Miniature Gas Fet Power Amplifiers", P002181723, <i>IEE-MTT-S International Microwave Symposium-Digest</i> , pp.151-518, June 1986.					
<i>SM</i>	B5	"Patent Abstracts of Japan", Vol. 10 No. 065 (E388), March 1986, JP 60 216602A Nippon Dengiyou Kousaku KK), October 1995					
EXAMINER <i>Sherly E. Henr</i>				DATE CONSIDERED <i>2/6/03</i>			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.							

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		September 6, 2001		Unassigned			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
<i>ED</i>	A1	4,853,650	08/01/1989	Bowling et al.	330	287	
<i>ED</i>	A2	2,420,354	05/13/1947	Carter et al.	178	44	
<i>ED</i>	A3	4,234,854	11/18/1980	Schellenberg et al.	330	286	
<i>ED</i>	A4	4,371,845	02/01/1983	Pitzalis, Jr.	330	277	
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REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
<i>ED</i>	A5	2 263 612	10/3/1975	Republic of France			XX
<i>ED</i>	A6	2 326 286	12/16/1998	United Kingdom			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>ED</i>	A7	Boifot, Anton M., "Classification of Ortho-Mode Transducers", <i>European Transactions on Telecommunication and Related Technologies</i> , Vol. 2, No. 5, pp. 503-510, (Sept.-Oct. 1991)					
EXAMINER <i>Kimberly E. Allen</i>		DATE CONSIDERED <i>216/03</i>					
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